

RIS 2

- Gravity **22.2 BLG**
- ABV **10 %**
- IBU **71**
- SRM **55.6**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **21.8 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **17.4 liter(s)** of strike water to **72.9C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|------------------------------------|----------------|-------|------|
| Liquid Extract | Bruntal | 3.4 kg (43.9%) | 81 % | 26 |
| Grain | Weyermann pszeniczny jasny | 1 kg (12.9%) | 80 % | 4 |
| Grain | Weyermann - Diastatyczny | 1 kg (12.9%) | 80 % | 3 |
| Grain | Weyermann - Carapils | 0.5 kg (6.5%) | 78 % | 4 |
| Grain | Castle Malting - Château Cafe | 0.5 kg (6.5%) | 80 % | 500 |
| Grain | Weyermann - Pszeniczny Czekoladowy | 0.5 kg (6.5%) | 73 % | 1000 |
| Grain | Weyermann - Carafa II | 0.5 kg (6.5%) | 70 % | 1150 |
| Grain | Płatki owsiane | 0.35 kg (4.5%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------|--------|--------|------------|
| Boil | Enigma (AUS) | 30 g | 60 min | 16.9 % |
| Boil | Marynka | 30 g | 60 min | 6.5 % |
| Boil | Fuggles | 30 g | 60 min | 4.7 % |
| Boil | Fuggles | 30 g | 15 min | 4.7 % |

| | | | | |
|------|---------|------|-------|-------|
| Boil | Fuggles | 30 g | 5 min | 4.7 % |
|------|---------|------|-------|-------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------|------|-------|--------|------------|
| WLP066 London Fog | Ale | Slant | 300 ml | White Labs |

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------------|--------|-----------|-----------|
| Other | Płatki dębowe | 50 g | Secondary | 21 day(s) |
| Flavor | Płatki kokosowe | 100 g | Secondary | 21 day(s) |